Phone: (415) 362-3800 Express Mail No: EV 326481722 US

Sheet 1 of 12

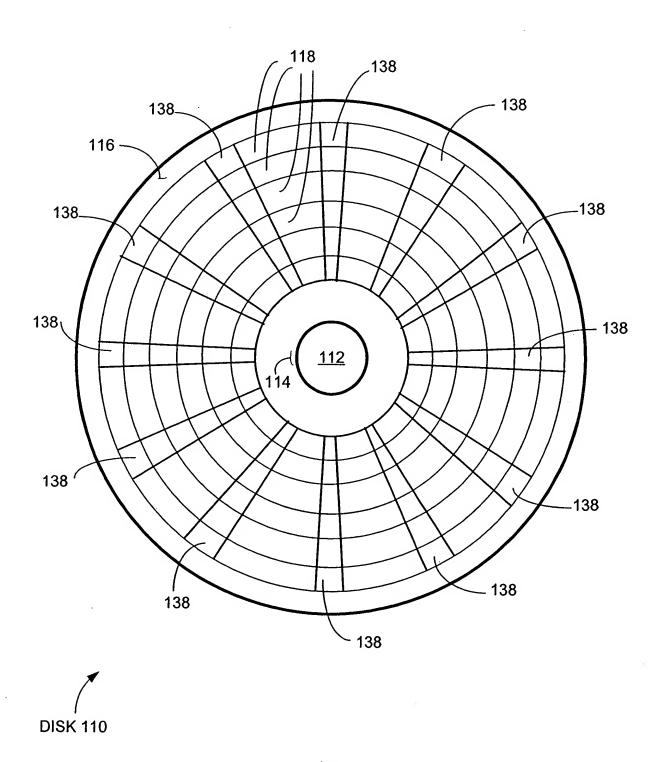


FIG. 1

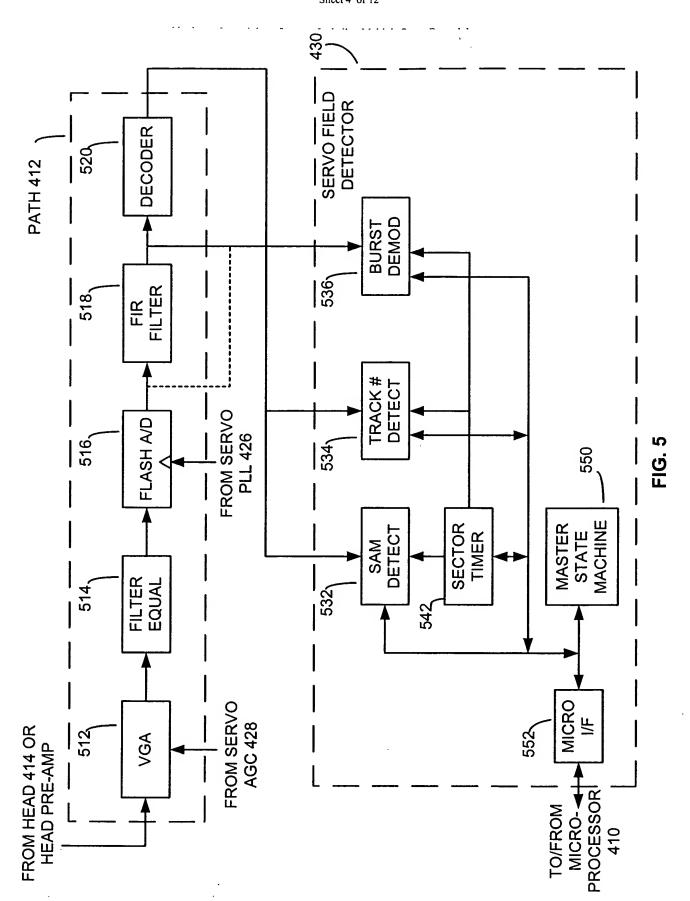
118

138

SERVO FIELD

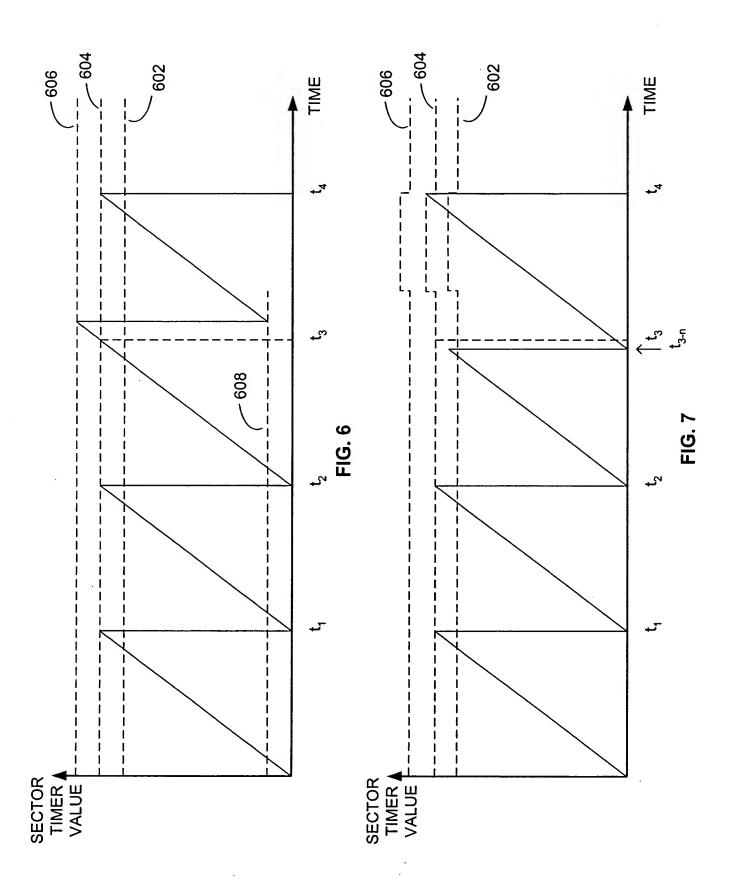
:

Phone: (415) 362-3800 Express Mail No: EV 326481722 US Sheet 4 of 12



App vol. ... to be assigned Filed: Herewith

Phone: (415) 362-3800 Express Mail No: EV 326481722 US Sheet 5 of 12



SECTOR TIMER A Phone: (415) 362-3800 Express Mail No: EV 326481722 US Sheet 6 of 12

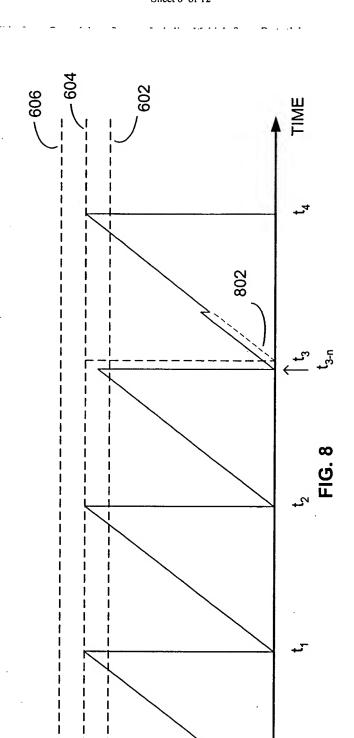


FIG. 9

914

yes

perform further servo functions, taking into account the good SAM detection characterization

Phone: (415) 362-3800 Express Mail No: EV 326481722 US

Sheet 8 of 12

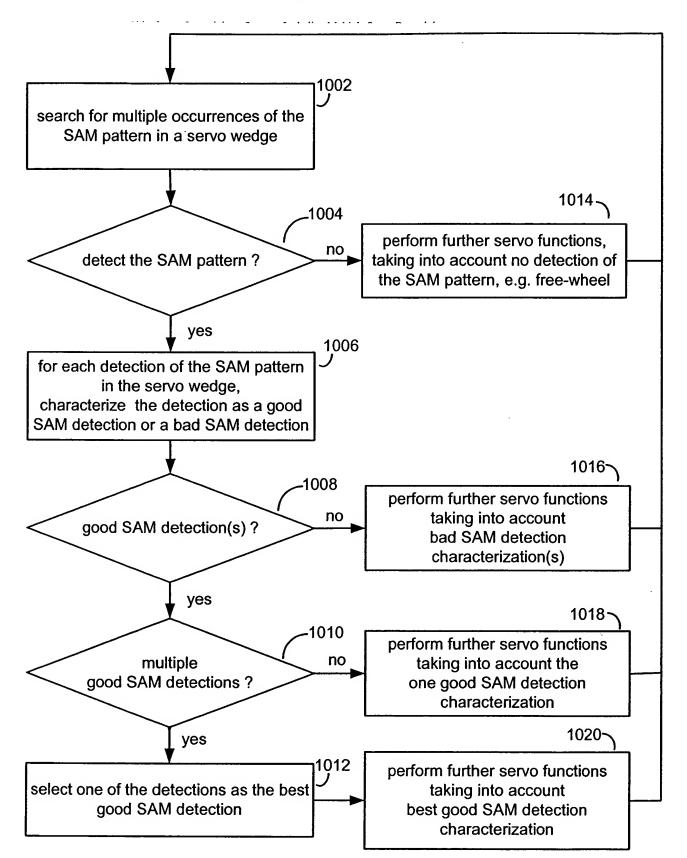


FIG. 10

Express Mail No: EV 326481722 US Filed: Herewith Sheet 9 of 12 1102 search for the SAM pattern in a servo wedge 1112-1104 select at least one previously stored channel control value as, or to no detect the SAM pattern? predict, a starting channel control value for use when beginning to read a next servo wedge yes 1106 characterize the detection as a good SAM detection or a bad SAM detection 1108 no good SAM detection? 1110 1114 yes select at least one channel control store at least one channel control value value stored at step 1110 as, or to (e.g., servo AGC value and/or servo predict, a starting channel control PLL value) associated with the servo value for use when beginning to wedge read a next servo wedge

Phone: (415) 362-3800

Confirm No.: To be assigned

FIG. 11A

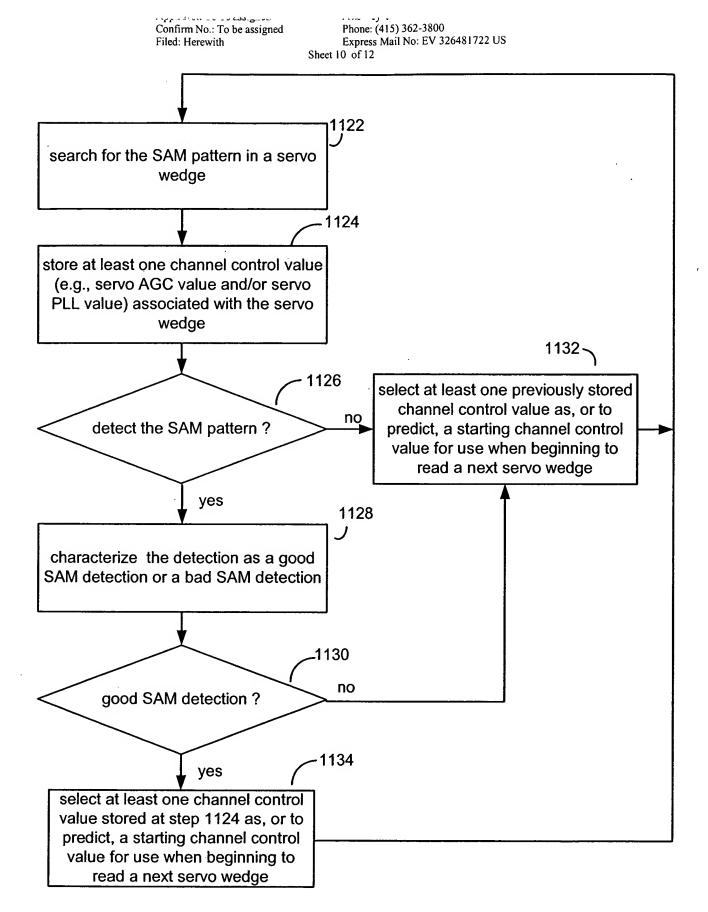


FIG. 11B

Phone: (415) 362-3800 Express Mail No: EV 326481722 US Sheet 11 of 12

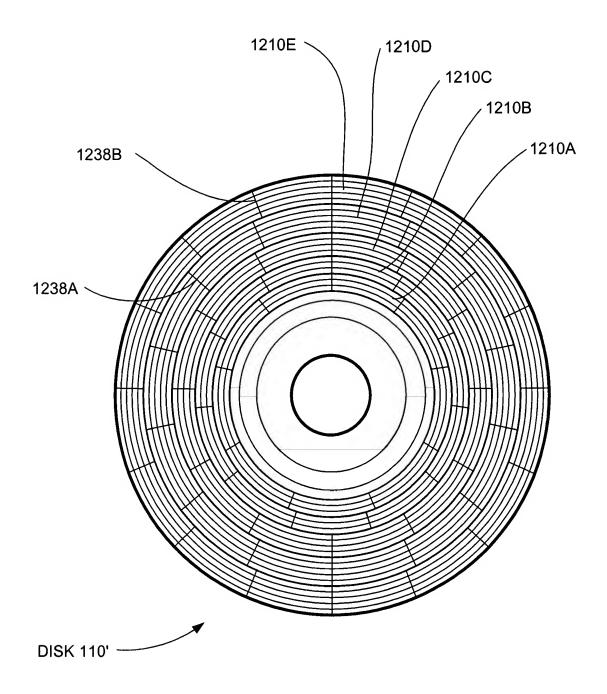


FIG. 12

Phone: (415) 362-3800 Express Mail No: EV 326481722 US

